1	What is claimed is:	
2		
3	1. A	washing machine comprising:
4	a cabinet;	
5	a drum;	
6	a motor; and	1
7	a brake resistance assembly comprising:	
8		a case forming an exterior;
9		first and second connect terminals fixed to the case to be connected
10	to an external circuit;	
11		first and second bobbins provided in the case; and
12		first and second coils differing in resistance to be wound on the first
13	and	second bobbins, respectively.
14		
15	2. The	washing machine as claimed in claim 1, wherein one ends of the first
16	and second coils are connected to the first and second connect terminals, respectively and the	
17	other ends of the firs	t and second coils are connected to a common terminal.
18		
19	3. The	washing machine as claimed in claim 1, wherein the first coil is thinner
20	than the second coil.	
21		
22	4. The	washing machine as claimed in claim 1, wherein the resistance of the
23	first coil is greater than the second coil.	
24		

25	5. The washing machine as claimed in claim 1, wherein the first and second		
26	coils are formed of Al and Cu, respectively.		
27			
28	6. The washing machine as claimed in claim 1, wherein the first coil is melted		
29	to be cut off when a voltage over a predetermined level is applied to both ends of the first coil.		
30			
31	7. The washing machine as claimed in claim 1, wherein a rugged part is formed		
32	on an outside of the case to increase a heat-exchange area thereof.		
33			
34	8. The washing machine as claimed in claim 1, the case comprising:		
35	a first partition having the first and second connect terminals fixed thereto; and		
36	a second partition leaving a predetermined distance from the first partition.		
37			
38	9. The washing machine as claimed in claim 8, wherein a space between the		
39	first and second partitions in the case is filled up with an insulator having good heat		
40	conductivity.		
41			
42	10. The washing machine as claimed in claim 8, wherein a molding material is		
43	provided to outsides of the first and second partitions in the case.		
44			
45	11. A brake resistance assembly comprising:		
46	a case forming an exterior;		
47	first and second connect terminals fixed to the case to be connected to an external		
48	circuit;		

49	first and second bobbins provided in the case; and		
50	first and second coils differing in resistance to be wound on the first and second		
51	bobbins, respectively.		
52			
53	12. The brake resistance assembly as claimed in claim 11, wherein one ends of		
54	the first and second coils are connected to the first and second connect terminals, respectively		
55	and the other ends of the first and second coils are connected to a common terminal.		
56			
57	13. The brake resistance assembly as claimed in claim 11, wherein the first coil		
58	is thinner than the second coil.		
59			
60	14. The brake resistance assembly as claimed in claim 11, wherein the resistance		
61	of the first coil is greater than the second coil.		
62			
63	15. The brake resistance assembly as claimed in claim 11, wherein the first and		
64	second coils are formed of Al and Cu, respectively.		
65			
66	16. The brake resistance assembly as claimed in claim 11, wherein the first coil		
67	is melted to be cut off when a voltage over a predetermined level is applied to both ends of		
68	the first coil.		
69			
70	17. The brake resistance assembly as claimed in claim 11, wherein a rugged part		
71	is formed on an outside of the case to increase a heat-exchange area thereof.		
72			

73	18. The brake resistance assembly as claimed in claim 11, the case comprising:
74	a first partition having the first and second connect terminals fixed thereto; and
75	a second partition leaving a predetermined distance from the first partition.
76	
77	19. The brake resistance assembly as claimed in claim 18, wherein a space
78	between the first and second partitions in the case is filled up with an insulator having good
79	heat conductivity.
80	
81	20. The brake resistance assembly as claimed in claim 18, wherein a molding
82	material is provided to outsides of the first and second partitions in the case.